

Product datasheet for **AM09104PU-N**

Adeno-Associated Virus 2 / AAV2 (Replicase Rep 78, 68, 52, 40) Mouse Monoclonal Antibody [Clone ID: 303.9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	303.9
Applications:	WB
Recommended Dilution:	Immunoblotting: 1/50-1/100.
Reactivity:	Adeno-Associated Virus 2
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant AAV-2 Rep 78 protein, N-terminally truncated by 171 aa
Specificity:	This antibody reacts with Replicase proteins (Rep78, Rep68, Rep52 and Rep40) of Human AAV-2-infected cells. Cross-reactivity with AAV serotypes 1, 3, 4, 5, and 6. A weak cross-reactivity is seen in some Human cell lines.
Formulation:	Final solution contains 0.09% Sodium Azide, 0.5% BSA in PBS buffer, pH 7.4 State: Aff - Purified State: Lyophilized purified IgG fraction
Reconstitution Method:	Restore in 1 ml distilled water
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background:

Adeno-associated virus (AAV) is a small virus which infects humans and some other primate species. AAV is not currently known to cause disease and consequently the virus causes a very mild immune response. AAV can infect both dividing and non-dividing cells and may incorporate its genome into that of the host cell. These features make AAV a very attractive candidate for creating viral vectors for gene therapy, and for the creation of isogenic human disease models. Serotype 2 (AAV2) has been the most extensively examined so far. AAV2 presents natural tropism towards skeletal muscles, neurons, vascular smooth muscle cells and hepatocytes.

Synonyms:

AAV-2